

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2065	"363" and(converter and short\$3 (primary and secondary)adj winding or coil) and reduc\$4 transformer core	US-PGPUB; USPAT	AND	ON	2007/07/18 10:18
L2	1764	L1 and @py<="2004"	US-PGPUB; USPAT	AND	ON	2007/07/18 10:18
L3	65	L2 and plurality adj3 switches	US-PGPUB; USPAT	AND	ON	2007/07/18 10:18
L4	43	("1672215"   "3490027"   "3538353"   "3621363"   "3963973"   "4063306"   "4168477"   "4178628"   "4186434"   "4300191"   "4347474"   "4357654"   "4415959"   "4513360"   "4607323"   "4809148"   "4857822"   "4928200"   "4931716"   "4959764"   "5111372"   "5126931"   "5282123"   "5291382"   "5303138"   "5331533").PN. OR ("RE36098"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/18 10:20
L5	15	L2 and crowbar switch	US-PGPUB; USPAT	AND	ON	2007/07/18 10:28
L6	217	full adj bridge transformer primary short secondary (winding or coil) synchronous adj rectifier control	US-PGPUB; USPAT	AND	ON	2007/07/18 10:30
L7	297	"363" and ((dc-dc adj transformer) or autotransformer)	US-PGPUB; USPAT	AND	ON	2007/07/18 10:36
L8	265	L7 and @py<="2004"	USPAT	AND	ON	2007/07/18 10:36
L9	98	L8 and (short primary secondary (windings or coil))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/18 10:36
L10	74	363/016 and (converter and short\$3 (primary and secondary)adj winding or coil)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/18 10:42

## EAST Search History

L11	49	transformer and short\$3 adj primary same secondary adj (winding or coil) and ground	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/18 10:52
L12	0	(power converter transformer primary winding secondary winding plurality switches coupled primary and secondary winding plurality switches responsive least one control signal short both primary and secondary winding during first reset time interval plurality switches includes first pair switches coupled series one end secondary winding second pair switches coupled series opposite end secondary winding configured controller first second control signal first second pairs switches first control signal simultaneously controls first pair switches second control signal simultaneously controls second pair switches entire cycle power converter).CLM.	US-PGPUB	AND	ON	2007/07/18 10:56
L13	0	(converter transformer primary winding secondary winding switches coupled responsive control signal short both primary and secondary winding during first reset time interval first pair switches coupled series one end secondary winding second pair switches coupled series secondary winding controller first second first control signal simultaneously controls entire cycle).CLM.	US-PGPUB	AND	ON	2007/07/18 10:57
L14	0	(converter transformer primary winding secondary winding short both primary and secondary winding during first reset time interval first pair switches secondary winding controller first second first control signal simultaneously controls entire cycle).CLM.	US-PGPUB	AND	ON	2007/07/18 10:57
S2	68	363/016	US-PGPUB; USPAT	AND	ON	2005/12/14 09:37

## EAST Search History

S3	38	363/016 and (converter and short\$3 (primary and secondary)adj winding or coil)	US-PGPUB; USPAT	AND	ON	2007/01/30 11:25
S4	1860	"363" and(converter and short\$3 (primary and secondary)adj winding or coil) and reduc\$4 transformer core	US-PGPUB; USPAT	AND	ON	2005/12/12 11:43
S5	1764	S4 and @py<="2004"	US-PGPUB; USPAT	AND	ON	2005/12/12 14:12
S6	65	S5 and plurality adj3 switches	US-PGPUB; USPAT	AND	ON	2007/07/18 10:18
S10	8	("5327333"   "5636107"   "5781420"   "5986899"   "6141224"   "6278621"   "RE36098"   "RE36571").PN. OR ("6822882"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/24 18:46
S11	40	("1672215"   "3490027"   "3538353"   "3621363"   "3963973"   "4063306"   "4168477"   "4178628"   "4186434"   "4300191"   "4347474"   "4357654"   "4415959"   "4513360"   "4607323"   "4809148"   "4857822"   "4928200"   "4931716"   "4959764"   "5111372"   "5126931"   "5282123"   "5291382"   "5303138"   "5331533").PN. OR ("RE36098"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/18 10:20
S12	15	S5 and crowbar switch	US-PGPUB; USPAT	AND	ON	2007/07/18 10:28
S13	146	"363" AND (full adj bridge and (plurality switches) and transformer control signal converter rectifier short primary secondary (winding or coil))	US-PGPUB; USPAT	AND	ON	2005/12/12 14:55

## EAST Search History

S14	41	("3596165"   "4128868"   "4443840"   "4533986"   "4648017"   "4661897"   "4841220"   "4853832"   "4855888"   "4860184"   "4931716"   "4953068"   "5113334"   "5179512"   "5235501"   "5274539"   "5327337"   "5331533"   "5434770"   "5442540"   "5448467"   "5450305"   "5491388"   "5500791"   "5514921"   "5576940"   "5594635"   "5615093"   "5805432"   "5946200"   "5991171"   "5999417"   "6069811"   "6147881"   "6147886"   "6222742"   "6310792"   "6330169"   "6381150"   "6583999"   "6650556").PN. OR ("6930893"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/24 18:48
S15	1	S14 and (full adj bridge and (plurality switches) and transformer control signal converter rectifier short primary secondary (winding or coil))	US-PGPUB; USPAT; USOCR	AND	ON	2005/12/12 15:56
S16	1	"20050174809"	US-PGPUB; USPAT	AND	ON	2006/06/26 19:30
S17	0	full adj bridge transformer primary secondary (winding or coil) synchronous adj rectifier control	US-PGPUB; USPAT	AND	ON	2005/12/13 12:57
S18	252	full adj bridge transformer primary secondary (winding or coil) synchronous adj rectifier control	US-PGPUB; USPAT	AND	ON	2005/12/13 12:58
S19	163	full adj bridge transformer primary short secondary (winding or coil) synchronous adj rectifier control	US-PGPUB; USPAT	AND	ON	2007/07/18 10:29
S20	0	("2005/0174810").URPN.	USPAT	AND	ON	2005/12/13 14:19
S21	0	("2004/0246748").URPN.	USPAT	AND	ON	2005/12/13 16:00
S22	68	363/016	US-PGPUB; USPAT	AND	ON	2005/12/14 10:15
S23	0	S22 and (dc-dc adj transformer)	US-PGPUB; USPAT	AND	ON	2005/12/14 09:38
S24	274	"363" and ((dc-dc adj transformer) or autotransformer)	US-PGPUB; USPAT	AND	ON	2005/12/14 09:39
S25	265	S24 and @py<="2004"	US-PGPUB; USPAT	AND	ON	2005/12/14 09:40
S26	265	S24 and @py<="2004"	USPAT	AND	ON	2005/12/14 09:40
S27	98	S26 and (short primary secondary (windings or coil))	USPAT	AND	ON	2007/07/18 10:36

## EAST Search History

S28	0	transformer and short\$3 adj primary same secondary adj (winding or coil) and ground and core adj reset	USPAT	AND	ON	2005/12/14 10:13
S29	23	transformer and short\$3 adj primary same secondary adj (winding or coil) and ground	USPAT	AND	ON	2007/01/24 18:49
S30	1587999	h	US-PGPUB; USPAT	AND	ON	2005/12/19 16:48
S31	108	vinciarelli.in.	US-PGPUB; USPAT	AND	ON	2005/12/19 16:49
S32	80	S31 and @py<="2003"	US-PGPUB; USPAT	AND	ON	2005/12/19 16:50
S33	15	S32 and dc-dc converter and transformer primary secondary	US-PGPUB; USPAT	AND	ON	2005/12/20 09:48
S34	0	"10507283"	US-PGPUB; USPAT	AND	ON	2005/12/20 09:50
S35	1	"10507283"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/12/20 13:08
S36	1	"10507283"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/12/20 14:35
S37	0	"10733423"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2005/12/20 14:35
S38	251	(368/21).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/25 13:23
S39	19	363/121	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/04/25 13:24
S40	1	"20040100805"	US-PGPUB; USPAT	AND	ON	2006/06/26 19:30
S49	2	"US 20050174809"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2007/01/23 12:43

## EAST Search History

S50	2	"20040100805"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/24 13:10
S54	54	363/016 and (converter and short\$3 (primary and secondary)adj winding or coil)	US-PGPUB; USPAT	AND	ON	2007/07/18 10:37
S55	2014	"363" and(converter and short\$3 (primary and secondary)adj winding or coil) and reduc\$4 transformer core	US-PGPUB; USPAT	AND	ON	2007/01/24 18:42
S56	1764	S55 and @py<="2004"	US-PGPUB; USPAT	AND	ON	2007/01/24 18:42
S57	65	S56 and plurality adj3 switches	US-PGPUB; USPAT	AND	ON	2007/01/24 18:43
S58	8	("5327333"   "5636107"   "5781420"   "5986899"   "6141224"   "6278621"   "RE36098"   "RE36571").PN. OR ("6822882"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/24 18:46
S59	43	("1672215"   "3490027"   "3538353"   "3621363"   "3963973"   "4063306"   "4168477"   "4178628"   "4186434"   "4300191"   "4347474"   "4357654"   "4415959"   "4513360"   "4607323"   "4809148"   "4857822"   "4928200"   "4931716"   "4959764"   "5111372"   "5126931"   "5282123"   "5291382"   "5303138"   "5331533").PN. OR ("RE36098"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/24 18:46
S60	15	S56 and crowbar switch	US-PGPUB; USPAT	AND	ON	2007/01/24 18:48

## EAST Search History

S61	43	("3596165"   "4128868"   "4443840"   "4533986"   "4648017"   "4661897"   "4841220"   "4853832"   "4855888"   "4860184"   "4931716"   "4953068"   "5113334"   "5179512"   "5235501"   "5274539"   "5327337"   "5331533"   "5434770"   "5442540"   "5448467"   "5450305"   "5491388"   "5500791"   "5514921"   "5576940"   "5594635"   "5615093"   "5805432"   "5946200"   "5991171"   "5999417"   "6069811"   "6147881"   "6147886"   "6222742"   "6310792"   "6330169"   "6381150"   "6583999"   "6650556").PN. OR ("6930893"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/24 18:48
S62	27	transformer and short\$3 adj primary same secondary adj (winding or coil) and ground	USPAT	AND	ON	2007/07/18 10:52
S67	193	(O2Micro.as.) or (02Micro).as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/24 18:55
S69	23	S67 and (Lipcsei)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/24 19:00
S71	5	S67 and (Popovici)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/24 19:01
S73	76	S67 and (converter same control\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/24 19:01
S74	2	"5421455".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/29 15:05

## EAST Search History

S92	93	363/016 and ((converter or inverter) and (transformer or flyback))	US-PGPUB; USPAT	AND	ON	2007/01/30 12:21
S93	899	363/15	US-PGPUB; USPAT	AND	ON	2007/01/30 12:02
S95	538	S93 and ((converter or inverter) and (transformer or flyback))	US-PGPUB; USPAT	AND	ON	2007/01/30 12:03
S99	119	S95 and (short\$3 with (transformer or primary or secondary))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 12:21
S10 0	8	("3846691"   "4065713").PN. OR ("4264949").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/30 12:20
S10 1	2441	363/17	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/30 12:20
S10 2	1679	S101 and ((converter or inverter) and (transformer or flyback))	US-PGPUB; USPAT	AND	ON	2007/01/30 16:14
S10 3	332	S102 and (short\$3 with (transformer or primary or secondary))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 16:14
S10 4	291	S103 NOT (S99 or S92)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 12:21
S10 5	228	S104 and (bridge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 14:34
S10 9	796	363/24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/01/30 16:14
S11 0	599	S109 and ((converter or inverter) and (transformer or flyback))	US-PGPUB; USPAT	AND	ON	2007/01/30 16:14



## EAST Search History

S11 1	142	S110 and (short\$3 with (transformer or primary or secondary))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 16:15
S11 2	88	S110 and (short\$3 with (transformer or primary or secondary) and bridge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 16:15
S11 3	93	363/016 and ((converter or inverter) and (transformer or flyback))	US-PGPUB; USPAT	AND	ON	2007/01/30 16:15
S11 4	899	363/15	US-PGPUB; USPAT	AND	ON	2007/01/30 16:15
S11 5	538	S114 and ((converter or inverter) and (transformer or flyback))	US-PGPUB; USPAT	AND	ON	2007/01/30 16:15
S11 6	119	S115 and (short\$3 with (transformer or primary or secondary))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 16:15
S11 7	2441	363/17	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/30 16:15
S11 8	1679	S117 and ((converter or inverter) and (transformer or flyback))	US-PGPUB; USPAT	AND	ON	2007/01/30 16:22
S11 9	332	S118 and (short\$3 with (transformer or primary or secondary))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 16:22
S12 0	291	S119 NOT (S116 or S113)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 16:15
S12 1	228	S120 and (bridge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 16:15

## EAST Search History

S12 2	61	S112 NOT S121	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 16:21
S12 3	956	363/25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 16:22
S12 4	729	S123 and ((converter or inverter) and (transformer or flyback))	US-PGPUB; USPAT	AND	ON	2007/01/30 17:05
S12 5	102	S124 and (short\$3 with (transformer or primary or secondary) and bridge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 17:05
S12 6	60	S125 NOT S122	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 16:37
S13 3	2404	363/131	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 17:05
S13 4	1573	S133 and ((converter or inverter) and (transformer or flyback))	US-PGPUB; USPAT	AND	ON	2007/01/30 17:35
S13 5	195	S134 and (short\$3 with (transformer or primary or secondary) and bridge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 17:35
S13 6	180	S135 NOT S126	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 17:30

## EAST Search History

S13 8	2902	363/132	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 17:35
S13 9	1677	S138 and ((converter or inverter) and (transformer or flyback))	US-PGPUB; USPAT	AND	ON	2007/01/30 17:52
S14 0	230	S139 and (short\$3 with (transformer or primary or secondary) and bridge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 17:52
S14 1	146	S140 NOT S136	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 17:52
S14 2	586	363/133	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 17:52
S14 3	461	S142 and ((converter or inverter) and (transformer or flyback))	US-PGPUB; USPAT	AND	ON	2007/01/30 17:57
S14 4	57	S143 and (short\$3 with (transformer or primary or secondary) and bridge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 17:57
S14 5	38	S144 NOT S141	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 17:56
S14 6	653	363/134	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 17:57
S14 7	484	S146 and ((converter or inverter) and (transformer or flyback))	US-PGPUB; USPAT	AND	ON	2007/01/30 17:57

## EAST Search History

S14 8	54	S147 and (short\$3 with (transformer or primary or secondary) and bridge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 17:57
S14 9	35	S148 NOT S145	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 18:02
S15 0	25	(US-20050078491-\$ or US-20040246748-\$ or US-20050174809-\$ or US-20050174810-\$ or US-20050254266-\$ or US-20050190581-\$ or US-20040100805-\$).did. or (US-6954366-\$ or US-6930893-\$ or US-6696772-\$ or US-5331533-\$ or US-RE36098-\$ or US-6462962-\$ or US-6822882-\$ or US-6330169-\$ or US-5498995-\$ or US-6650556-\$ or US-7023709-\$ or US-6252781-\$ or US-6278621-\$ or US-5636107-\$ or US-6882548-\$).did. or (US-20050174810-\$ or WO-2005077097-\$ or US-20050174809-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2007/01/30 18:02
S15 1	2	"6757184".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/30 18:27
S15 2	6	("4873618"   "5768112").PN. OR ("6757184").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/30 18:27
S15 3	4	("4873618"   "5768112"   "6504739"   "6757184").PN. OR ("6859372").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/30 18:31

## EAST Search History

S15 4	0	(power converter transformer primary winding secondary winding plurality switches coupled primary and secondary winding plurality switches responsive least one control signal short both primary and secondary winding during first reset time interval plurality switches includes first pair switches coupled series one end secondary winding second pair switches coupled series opposite end secondary winding configured controller first second control signal first second pairs switches first control signal simultaneously controls first pair switches second control signal simultaneously controls second pair switches entire cycle power converter).CLM.	US-PGPUB	AND	ON	2007/07/18 10:56
S15 5	0	(power converter transformer primary winding secondary winding plurality switches coupled responsive least one control signal short both primary and secondary winding during first reset time interval first pair switches coupled series one end secondary winding second pair switches coupled series opposite end secondary winding controller first second control signal first second first control signal simultaneously controls second control signal simultaneously controls entire cycle).CLM.	US-PGPUB	AND	ON	2007/01/30 18:46
S15 6	0	(converter transformer primary winding secondary winding switches coupled responsive control signal short both primary and secondary winding during first reset time interval first pair switches coupled series one end secondary winding second pair switches coupled series secondary winding controller first second first control signal simultaneously controls entire cycle).CLM.	US-PGPUB	AND	ON	2007/07/18 10:57

## EAST Search History

S15 7	0	(converter transformer primary winding secondary winding short both primary and secondary winding during first reset time interval first pair switches secondary winding controller first second first control signal simultaneously controls entire cycle).CLM.	US-PGPUB	AND	ON	2007/07/18 10:57
S15 8	2445	"320"/\$.ccls.	US-PGPUB	AND	ON	2007/02/02 10:31
S15 9	0	"320"/\$.ccls.	US-PGPUB	AND	ON	2007/02/02 10:31
S16 0	2445	"320"/.ccls.	US-PGPUB	AND	ON	2007/02/02 10:31
S16 1	15326	"320"/.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/02 10:31
S16 2	317	S161 and ((smart adj battery) or (battery adj pack) with (retractable adj cover) same ((terminal or contact) adj protection))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/02 10:33
S16 3	317	S161 and ((smart adj battery) or (battery adj pack) with (retractable adj cover) with ((terminal or contact) adj protection))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/02 10:33
S16 4	0	S161 and (((smart adj battery) or (battery adj pack)) with (retractable adj cover) with ((terminal or contact) adj protection))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/02 10:34
S16 5	0	S161 and (((smart adj battery) or (battery adj pack)) with (retractable adj cover) same ((terminal or contact) adj protection))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/02 10:34

## EAST Search History

S16 6	0	S161 and (((smart adj battery) or (battery adj pack)) same (retractable adj cover) same ((terminal or contact) adj protection))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/02 10:34
S16 7	0	S161 and (((smart adj battery) or (battery adj pack)) same (retract\$4 adj cover) same ((terminal or contact) adj protection))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/02 10:34
S16 8	0	S161 and (((smart adj battery) or (battery adj pack)) same (retract\$4 with cover) same ((terminal or contact) adj protection))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/02 10:34
S16 9	4	S161 and (((smart adj battery) or (battery adj pack)) same (retract\$4 with cover) same ((terminal or contact) with cover\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/02 10:38
S17 0	13	S161 and (((smart with battery) or (battery with pack)) same ((retract\$4 or protect\$3) with cover) same ((terminal or contact) with cover\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/02 10:38